

Ternary System Al-Mg-Li. III. Description
of the Ternary System Aluminum-Magnesium-
Lithium. Projection of the Liquidus Surface,
Isotherms at 400° and 20°, and the Process
of Crystallization, by F. I. Shamrai,
14 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim
Nauk, No 3, 1948, pp 290-301.

ACSI I-0452
ID 2180113

182,680

Sci - Chem
14 Feb 62

Study in the Field of Tautomeric Compounds, by
A. E. Porai-Koshits, N. I. Malikova, 32 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 5, 1948, pp 519-528.

CIA/FDD/X-1137

Scientific - Chemistry
CTS/DEX

7077

Thermochemistry and the Structure of Atoms. I. The
Thermochemical Logarithmic Rule and the Heats of
Formation of Halides, by A. F. Kapustinskiy, 26 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
1948, pp 568-580.

AEC MP Tr-472

SLA 61-13389

Sci - Chem
10 Nov 60
List 45

131,396

Thermochemistry and the Structure of Atoms. II.
The Thermochemical Logarithmic Rule and the
Heats of Formation of Oxides and Hydrides, by
A. F. Kapustinskiy, 21 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
1948, pp 581-589.

AEC NP Tr-473

SLA 61-15390

Sci - Chem
10 Nov 60
List 45

131, 397

Acetylene Derivatives. LXXXV. Synthesis and Study
of Heterocyclic Compounds. 6. Synthesis of 4-Ethynyl-
4-Hydroxypiperidines by Condensation of Acetylene
With γ -Piperidones, by I. N. Nazarov, V. Ya. Raygorod
skaya. (5070 rds)

RUSSIAN, no per, Iz Akad Nauk SSSR, Otdel Khim Nauk,
No 6, 1948, pp 631-641.

Assoc Tech SY
RJ-358

37,009

\$15.00

Sci - Chemistry

Aug 1956

IZ AK NAUK SSSR, Otdel Khim Nauk No. 1, 12 pp, 1949

"Complex Formations of Rare Earth Metals"

D. I. Ryabchikov
Ye. A. Terent'yeva

AEC/ BNL/tr - 131

TT. 107

27/49T26

IZ AK NAUK SSSR, Otdel Khim Nauk No 1, 4 pp, 1949

"Study in the Field of Phosphor Organic Compounds: XI,
Case of Anomalous Course of the Synthesis of Magnesium
Organic Compounds"

M. I. Kabachnik
Ye. S. Shepeleva

Will be done by Def Res Board,
Canada
See 1 Aug 50 listing

27/49T25

13 202

Ca-1

RYABCHIKOV D. I., TERENCEVA E. A.

Complex formations of rare earth elements

Izv. Akad. Nauk SSSR, Otdel. Khim. Nauk, No. 1, 44-55 (1949)

TT 107 - English

E u r a t o m

Organophosphorus Compounds. XI. Anomalous Course of
an Organomagnesium Synthesis, by M. I. Kabachnik, E. S.
Shepeleva, 2 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, 1949,
pp 56-59.

CIA/FDD XX-639

NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Chem

Sep 59

USIB INTERNAL USE ONLY

PARTIAL TRANSLATION

On the Catalytic Hydrocondensation of Carbon
Monoxide with Olefins. I. Hydrocondensation
of Carbon Monoxide With Ethylene, by
Ya. F. Iedis, N. D. Zolinskii, M. V. Puzitskii,
7 pp. 1949

RUSSIAN, ~~publ.~~ Iz Ak Nauk, Otdel Khim Nauk, No 1,
1949, p 110.

CIA/PDD/A-1166

Scientific - Chemistry
- CAC/DEK

sec 0621/49 81B
Available in CIA Library
as Ohio State University
G 27020 RJ-24

Morozov, I.S. and Kuznetsov, V.G.
AU SUJET DE LA MODIFICATION γ DU BIOXIDE
DE MANGANESE (O γ -Modifikatsii Dyuokisi Mar-
gantsa) (The γ Modification of Manganese Dioxide).
31p. (foreign text included) 10 refs. CNRS-VIII bis 75.
Order from OTS, ETC or CNRS \$3.60 TT-62-28756

Trans. in French of Akademiya Nauk SSSR, Otdeleniye Khimicheskikh Nauk, Izvestiya, 1949, no. 1, p. 343-353.

DESCRIPTORS: *Manganese compounds, Dioxides,
*Transformations, Irreversible processes.

(Chemistry--Inorganic, TT, v. 11, no. 8)

TT-62-28756

I. Morozov, I.S.
II. Kuznetsov, V.G.
III. CNRS-VIII bis 75
IV. Centre National de la Recherche Scientifique, Paris

Office of Technical Services
European Translations Centre

Joint Study of High Alloy Castings as a Factor in
the High Temperature Strength, by A. H. Norman/10.

1000000, 1000, 12 Air Rank 5500, Old White Hall, No 2,
1000, 1000-1000.

Brutcher To No 2796

1000000 - 1000/1000

15,836

Freidlin, L. Kh. and Fridman, G. A.
CATALYTIC [SUBSTITUTION] OF HALOGEN BY A
HYDROXYL IN THE AROMATIC SERIES. IV. VAPOR-
PHASE HYDROLYSIS OF o- AND p-CHLOROPHENOLS
AND o- AND p-DICHLOROBENZENES. [29 Oct 52]
[19p] 14refs
Order from OTS or SLA \$1.60 63-18674

Trans. of Akademiya Nauk SSSR. Otdelenie Khimicheskikh Nauk, Izvestiya, 1949, no. 3, p. 317-325.

DESCRIPTORS: *Benzenes, *Chlorides, *Phenols,
Hydroxyl radicals, Hydrolysis, Catalysis, Substitution
reactions, Halogens, Insecticides.

The possibility of vapor-phase hydrolysis of o- and
p-chlorophenols and o- and p-dichlorobenzenes was
investigated and the influence of ring substituents is de-
monstrated. The catalytic character of the process is
(Chemistry--Organic, TT, v. 10, no. 11) (over)

63-18674

1. Title: Dichlorobenzenes
2. Title: Chlorophenols
- I. Freidlin, L. Kh.
- II. Fridman, G. A.
- III. Title: Vapor . . .
- IV. Trans-MT-52-50

Office of Technical Services

IZ AK NAUK SSSR, Otdel Khim Nauk No 3, 9 pp, 1949

"Diffusion of Radium Between Molten and Crystalline
Isomorphic Salts"

V. G. Khlopin

V. P. Klokman

See 29/49T94

56/49T86

Investigation in the Field of High Molecular Compounds. Communication 21. On the Polycondensation of Glycol With Adipic Acid, by V. V. Korshak, and V. V. Golubev, 11 pp.

Full translation.

RUSSIAN, per, Iz Ak Nauk SSSR Otdel Khim Nauk, No 4, 1949, pp 379-385.

AEC Tr 1261

RT-3977

Scientific - Chemistry

Transl. by Sprague
CTC 77-3-26750

Jun 52 CTS

DEX

Acetylene Derivatives, No 94, Synthesis of Polycyclic
Compounds Related to Steroids: III, Complete
Synthesis of Compounds With Androstane Skeletons
and Their Structural Isomers With Methylcyclopentane
Rings B, by L. N. Nazarov, L. D. Bergal'son, I. I.
Simoniia, L. N. Terekhova. 4 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 4, 1949.

CIA/DD/X-230

AEO Tr 233

USPES Tr

63/4914 15,879

Scientific - Chemistry

High Molecular Compounds. XXII. Effect of
Polarity of Substituents on Polymerization Power
of Substituted Ethylenes, by V. V. Korshak, 11 pp.

RUSSIAN, no par, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 5, 1949, pp 487-492.

CIA/FDD X-2211

Sci - Chemistry
Nov 1956 CFS/lex

ALL H 40,798

Nesmeyanov, A.N., Kursanov, D.N. and others.
OVER DE INVLOED VAN STRUCTUURFACTOREN
OP CONJUGATIE-VERSCIJNSELEN. I. DE BEWEEG-
LIJKHEID DER WATERSTOFATOMEN IN CYCLISCHE
KETONEN VAN VERSCHILLENDE STRUCTUUR
(Influence of the structural factors on conjugation
phenomena. I. Mobility of H atoms in various cyclic
ketones), tr. by G.J.M. Fritschy. 7 p. 6 refs.
MTWL:487. (Text in Dutch)
Order from OTS or ETC \$0.80 61-17007

Partial trans. of Akademiya Nauk SSSR. Otdelenie
Khimicheskikh Nauk. Izvestiya (USSR) 1949, no. 6,
p. 592-597.

61-17007

1. Cyclic ketones
2. Hydrogen bonding
1. Nesmeyanov, A.N.
- II. Kursanov, D.N.
- III. MTWL-487
- IV. Stichting Moeilijk Toegankelijke Wetenschappelijke Literatuur

Office of Technical Services

Synthesis and Properties of $C_{12}-C_{16}$ Monomethyl-
alkanes, by Al. A. Petrov, et al.

RUSSIAN, PER, Iz Ak Nauk SSSR: Otdel Khim Nauk,
1949, pp 1053-1059.

Dept of Interior
Tr No 226

Sci

Jan 63

Influence of the Cations on the Anodic Processes
in the Electrolysis of Chloride and of Sulfate
Solutions, by N. A. Izgaryshev, 21 pp.

RUSSIAN, per, Iz Ak Nauk SSSR Otdel Khim Nauk,
No 1, 1950, pp 15-26.

N

SLA 55-10499

Sci - Chem
Sep 59
Vol 2, No 1

97,284

INVESTIGATIONS OF THE HETEROGENEITY OF ACTIVE
SURFACES BY THE DIFFERENTIAL ISOTOPE METHOD,
BY N. P. KEIER, S. Z. ROGINSKIY.

RUSSIAN, PER, IZ AK ^{Nauk} ~~NAUK~~ SSSR, OTDEL KHIM
NAUK, NO 1, 1950, PP 27-38.

NLL RTS 2059

SCI - CHEM

OCT 62

214,752

V
Derivatives of Acetylene. Part 96. Heterocyclic
Compounds. IX. Synthesis of 1,2,5-Trimethyl-4-
Piperidols and Their Esters, by I. N. Nazarov, et al.

RUSSIAN, no per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 5, 1949, pp 504-521.

Assoc Tech Sv
RJ-359

Sci - Chemistry

37,010
\$13.50

Aug 1956

The Field of High Molecular Weight Compounds,
Report XXVI. One Peculiarity of the Process of
Chemical Destruction of High Molecular Weight Compound
by V. V. Korshak.

Full translation.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Otdel Khim Nauk.
No 1, 1950, pp 51-53.

ABC Tr 1455

Scientific - Chemistry, molecular weight ~~xxxx~~ compounds

Dec 52 CTS/DEX

Acetylene Derivatives. 97. Mechanism of Polymeri-
zation of Dimethylvinylethynyl-carbinol, ~~20pp~~ by
I. N. ~~XXXXX~~ Nazarov, L. N. Terekhova, 20 pp.

RUSSIAN, no per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 1, 1950, pp 66-76.

Sci Tr Center RT 3607

Scientific - Chemistry
Jun 56 CTS

36,140

Catalytic Hydrocondensation of Carbon Monoxide
With Olefins. III. Polymerization and Hydro-
polymerization of Ethylene in Hydrocondensation
Catalysis, by Ya. T. Eidus, 20 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
Vest No 1, 1950, pp 98-107.

Sci Tr Center RT 1030

Scientific - Chemistry

Jul 54 CTB

16 054

IAN, ORN

#1, pp 108-13 (1950)

The Interaction of the Hydrochlorides of Amino
Acids + Ethylene Oxide

V. M. Rodionov +
N. B. Yartseva

Ass. Tech. Serv. Trans * Lf-36
(per 51 listing)

Y
Grain Size of High Alloy Austenite as a Factor in
Its High Temperature Strength, by A. M. Borzdyka.

RUSSIAN, per, Izvestiya Ak Nauk SSSR, Otd Khim Nauk,
No 2, 1949, pp 121-127.

Brutcher Tr No 2796

14,669

Scientific - Min/Metals

Levin, V. I. and Roginskiĭ, S. Z.
DE KINETICA VAN KATALYTISCHE REACTIES.
II. PROCESSEN OP HETEROGENE OPPERVLAKKEN.
(Kinetics of contact reactions. II. Processes on heterogeneous surfaces). 29p. 28 refs. MTWL: 581.
(Text in Dutch).
Order from OTS or ETC \$2.40

61-17296

Trans. of Akademiya Nauk SSSR, Otdelenie Khimicheskikh Nauk, Izvestiya, 1950, no. 2, p. 137-151.

DESCRIPTORS: *Catalysis, Surface properties.
Adsorbents.

61-17296

- I. Levin, V. I.
- II. Roginskiĭ, S. Z.
- III. MTWL-581
- IV. Stichting Moeilijk Toegankelijke Wetenschappelijke Literatuur

Office of Technical Services

IAN, JKN

2, pp 152-61 (1950)

The Nature of Spectrum Displacement During
Adsorption of Aromatic Amines by Active
Clays

A. I. Sidorova +

A. N. Terenin

9676161

Los Alamos Sci. Ser. Trans. * RJ-42
(Jan '51 listing)

IAN, OAN

No 2, pp 162-8 (1950)

Reassociation of Hydrogen Fluoride

S. V. Vaitaishvili

S. V. Vaitaishvili

Des. Ind. Service No. 19-33
(Jan '51 listing)

Kochetkov, A. K. and Freidlina, R. Kh.
SOME NEW POSSIBILITIES OF SYNTHESIS OF
ORGANOMETALLIC COMPOUNDS OF LEAD, TIN
AND THALLIUM. [1963] 9p 26refs
Order from OTS or SLA \$1.10 63-18214

Trans. of Akademiya Nauk SSSR, Otdelenie
Khimicheskikh Nauk. Izvestiya, 1950, p. 203-208.

DESCRIPTORS: *Metalorganic compounds, *Lead com-
pounds, *Tin compounds, *Thallium compounds,
Chlorides, Halides, Phenyl radicals, Acetates,
Mercury compounds, Chemical reactions, Synthesis
(Chemistry).

The possibility is demonstrated of synthesizing
organotin compounds of the type R_2SnX_2 from
organolead salts, R_2PbX_2 . A new method of synthesis
(Chemistry--Organic, TT, v. 10, no. 10)

63-18214

I. Kochetkov, A. K.
II. Freidlina, R. Kh.

Office of Technical Services

Study of the Kinetics of Thermal Decomposition of
Solid Permanganates, by S. Yu. Elovich,
S. Z. Roginskii, E. I. Shmuk

RUSSIAN, per, Iz Ak Nauk, Otdel Khim Nauk, No 5,
1950, pp 469-474.

AEC Tr 1108

Scientific - Physics

Freidlin, L. Kh., Neimark, I. E., Fridman, G. A.,
Sheinfain, R. Yu., and Khatsset, F. I.
RELATION BETWEEN CHARACTER OF POROSITY
OF SILICA GEL AND ITS CATALYTIC PROPERTIES.
[1963] 21p 7refs

Order from OTS or SLA \$2.60

63-18675

Trans. of Akademiya Nauk SSSR. Otdelenie Khimicheskikh Nauk. Izvestiya, 1960, no. 5, p. 521-530.

DESCRIPTORS: *Silicon compounds, Dioxides, *Gels, Porosity, Catalysis, Chemical reactions, Benzenes, Chlorides.

The interrelations among the porous structure of silica gel, its catalytic activity, its specificity, and its thermal stability in the reaction of vapor-phase hydrolysis of chlorobenzene is investigated. (Author)

(Chemistry--Organic, TT, v. 10, no. 11)

63-18675

I. Freidlin, L. Kh.
II. Neimark, I. E.
III. Fridman, G. A.
IV. Sheinfain, R. Yu.
V. Khatsset, F. I.

Office of Technical Services

Topography of the Pyrolytic Decomposition of Barium
Permanganate, by S. Z. Roginskii, B. I. Shvuk, and
M. Ya. Kushnerev, 7 pp.

Full translation.

RUSSIAN, per, Izvestiya Ak Nauk SSSR, Otdel Khim Nauk, Vol VI,
1950, pp 573-575.

AEC Tr 1261

RT-1957

Scientific - Chemistry

See Dist Sec min Info for
T-5412

Solid Solutions of Nickel, by I. I. Kornilov,
9 pp,

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 6, 1950, pp 582-589.

Sci Mu Lib Tr No 55/1378

23,552

0
May 55 CTS

Scientific - ~~Minerals~~, Chemistry

V
Study of Organic Phosphorous Compounds, XIV,
Synthesis of Aminophosphinic Acids, 1., by
M. I. Kabachnik, T. Ya. Medved, 12 pp.

RUSSIAN, per, Izvestiya Akademiy Nauk SSSR,
Otdelenie Khimicheskikh Nauk, No 6, 1950,
pp 635-640.

Sci Trans Center

RT ~~3552~~

Chemistry

36,156

3552

Jun 56 CTS

Belaenko, F. A.
DE SPANNINGEN RONDOM EEN CIRKELVORMIGE
MIJNSCHACHT IN EEN ELASTISCH-PLASTISCHE
BODEM (The stresses around a circular shaft in an
elastic-plastic soil). 20p. 5 refs. MTWL-583.
(text in Dutch).
Order from OTS or ETC \$1.85

61-17298

Trans. of Akademiya Nauk SSSR. Otdelenie Tekhni-
cheskikh Nauk. Izvestiya 1950, no. 6, p. 914-925.

DESCRIPTORS: *Soils. Plasticity, Elasticity. *Shafts.
Mining engineering. *Stresses.

61-17298

- I. Belaenko, F. A.
- II. MTWL-583
- III. Stichting Moeilijk
Toegankelijke Wetenschap-
pelijke Literatuur

Office of Technical Services

(FDD 21175)

Refraction and Reflection of Plane Waves in a Liquid
Passage From One Depth to Another, by L. N.
Bretenskiy, 23 pp.

RUSSIAN, no per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 11, Moscow, Nov 1950, pp 1601-1614.

CIA/FDD/U-6160

USSR

Sci - Physics, underwater acoustics

17, 231

Jul 54 CTS

Akhmedov, G. V.
INTERKRISTALLINE KORROSION DER LEGIERUN-
GEN (Mczhkristallinnaya Korroziya Spavov). [1961]
[17]p. 26 refs. [DSIR LLU] M 2103.
Order from OTS or SLA \$1.60

61-13598

61-17373

Trans. In German of A[kademiya] N[auk] SSSR.
Otdeleniye Khimicheskikh Nauk. Izvestiya, 1951,
no. 1, p. 13-25 (pub. in Sowjetwissenschaft. Natur-
wissenschaftliche [Beiträge] (West Germany) 1951,
v. 4, no. 2.

DESCRIPTORS: *Alloys, *Corrosion, *Metallic
crystals.

(Metallurgy--Corrosion, TT, v. 6, no. 3)

61-13598

L. Akimov, G. V.
IL DSIR LLU M. 2103

175000

Office of Technical Services

Freidlin, L. Kh., Nelmark, L. E., Fridman, G. A.,
and Sheinfain, R. Yu.
PROMOTING OF SILICA GELS OF DIFFERENT
POROSITIES. [1963] 18p 6refs
Order from OTS or SLA \$1.60 63-18676

Trans. of Akademiya Nauk SSSR. Otdelenie Khimich-
eskikh Nauk. Izvestiya, 1951, no. 1, p. 86-94.

DESCRIPTORS: *Silicon compounds, Dioxides, *Gels,
Porosity, Copper, Catalysis, Chemical reactions,
Benzenes, Chlorides.

The influence of copper upon the catalytic properties of
silica gels of various porosities was investigated.
Apart from its promoting action, copper regenerates
silica gel poisoned by mineral admixtures, enhances its
thermal stability and selectivity, and overcomes the
diffusional retardation of the reaction. (Author)
(Chemistry--Organic, TT, v. 10, no. 11)

63-18676

I. Freidlin, L. Kh.
II. Nelmark, L. E.
III. Fridman, G. A.
IV. Sheinfain, R. Yu.

Office of Technical Services.

Determination of the Individual Composition
of Straight-Run Gasolines by the Combination
Method, by G. S. Landsberg, B. A. Kazanskiy.

RUSSIAN, bino per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 2, 1951, pp 100-114.

Assoc Tech Sv RJ-224
\$26.10

Scientific - Chemistry
CTS 73/Oct 1955

FUCK *SLAR 2097*
27,491

Structure and Properties of TiO_2 Catalysts in
Relation to Their Polymorphism, by A. M. Rubinshteyn,
A. G. Rubshov.

Translation, direct per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
1951, USSR, pp 132-139. 9076162

Assoc Tech Sv RJ-58

SLA - P. 1866

Chemistry

\$11.75 (\$1.60)

Aug 54

17,1028

Reductive Catalytic Amination of Ketone Ketones,
by M. A. Popov, M. I. Sholkin. UNCL

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 2, 1951 1951, pp 140-144.

DSIR LIU (loan) M.214

SLP 54-19167

Sci - Chem
May 59

87,892

V
The Active Structure of the Nickel-Hydrogen Catalyst,
by L. Kh. Freydlin, N. I. Ziminova.

RUSSIAN, no per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 2, 1951, pp 145-149.

Assoc Tech Sv
RJ-392

Sci - Chemistry

Aug 1956

2 FDD V-1271
\$7.20

36,943

On the Problem of the Energetics of the Formation and
Phase Transformations of Alloys of the System Al-Zn,
22 pp, by LYASHENKO, V. S.

Ak

RUSSIAN, no per, Iz/Vauk SSSR, Otdel Khim Nauk, No 3,
pp 242-254, 1951.

British Sci Museum No 52/1629

F.R.I. 11/2 8/

V
The Action of Strong Mineral Acids on Some
Phosphoric and Esters, by A. E. Arbuzov, P. I.
Alimov, 9 pp.

RUSSIAN, per, Izvestiya Akad Nauk SSSR, Otdelenie
Khimicheskikh Nauk, No 3, 1951, pp 268-272.

Sci Tr Center RT 3611
36,148

Chemistry

Jun 56 CTS

+

The Reaction of Isoamylmercaptan With Acetylene,
by A. Kh. Khomenko.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Otdel Khim
Nauk, No 3, 1951, USSR, pp 280-283.

Assoc Tech Sv RJ-65

Sci - Chemistry \$6.20 (\$0.95)

Aug 54

17,133

Preparation of Monoethanolaryl Amines From
Ethylene Oxide and Aryl Amines, by Yu. K. Yur'ev
et al.

RUSSIAN, bino per, Iz Ak Nauk SSSR, Otdel Khim
Nauk, No 3, 1951, USSR, pp 317-320.

Assoc Tech Sv RJ-66

Sci - Chemistry \$6.90 (\$0.95)

Aug 54

17,134

Levina, R.Ya., Fainzilberg, A.A. and others.
SYNTHESE VAN KOOLWATERSTOFFEN. RAPPORT
25. SYNTHESE VAN ALKENEN MET EEN QUATER-
NAIR KOOLSTOFATOOM DOOR PYROLYSE VAN
ACETATEN (Synthesis of hydrocarbons. 25. Synthesis
of alkenes with a quaternary carbon atom by means of
pyrolysis of the acetates). 13 p. 31 refs. MTWL:499.
(Text in Dutch)

Order from OTS or ETC \$0.80

61-17018

Trans. of Akademiya Nauk SSSR. Otdelenie Khimicheskikh Nauk. Izvestiya (USSR) 1951, no. 3, p. 321-327.

61-17018

1. Hydrocarbons - Synthesis
2. Ethylenes - Synthesis
- I. Levina, R.Ya.
- II. Fainzilberg, A.A.
- III. MTWL-499
- IV. Stichting Moeilijk Toegankelijke Wetenschappelijke Literatuur

Office of Technical Services

Synthesis and Transformations of Vinyl Ethers of
Ethanolamines. I. Vinylation of Monoethanolamine,
by M. P. Shostakovskiy et al.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Otdel Khim
Nauk, No 3, 1951, USSR, pp 328-333.

Assoc Tech Sv RJ-67

Sci - Chemistry / \$9.90 (\$1.35)

Aug 54

17,135

Thermographic Investigation of Phosphates. Part I.
Thermal Dehydration of Dicalcium Phosphate Dihydrate,
by S. I. Vol'fkovich and V. V. Urusov.

Full translation.

RUSSIAN, bimo per, Iz Ak Nank SSSR, Otdel Khim
Nank, No 4, 1951, pp 341-349.

Assoc Tech Sv Tr RJ-99

Scientific - Chemistry

Mar 53 GTS

\$17.60 (\$2.25)

Reaction of Potassium Peroxide With Carbon
Dioxide, by S. Z. Makarov, I. Vol'nov.
RUSSIAN, per, Izvestiya Akademii Nauk, Otdeleniye
Khimicheskikh Nauk SSSR, No 4, 1951, pp 370-376.
NASA TT F-11,478

Sci
Dec 68

371,103

Conference on the Theory of Structure in
Organic Chemistry,

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 5, 1951, pp 634-652.

DSIR LIU M.1338

(loan)

Sci - Eng Chem

Apr 60

112, 664

SLF, 61-5003

On the Method of Thermal Analysis of Systems with a
Volatile Component, by B. A. Nikitin, M. P.
Kovalskaya, Pushlenkov, 6 pp.
M.F.

RUSSIAN, Per, Iz Ak Nauk SSSR: Otdel Khim Nauk,
1951, No 6, pp 661-665.

SLA 59-10278

Sci

Oct 59

Vol 2, No 3

OTS 61-17278

99,876

Electron Diffraction Investigation and Crystal
Chemistry of $\text{KPtCl}_3\text{NH}_3$ and $\text{KPtBr}_3\text{NH}_3$, by G. D. Bokyi,
B. K. Vaynshtein, A. A. Babareko, 12 pp.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Otdel Khim
Nauk, No 6, 1951, pp 667-673.

Sci Tr Center
RT-4051

39,859

Sci-~~RESEARCH~~ Chemistry
Oct 1956 CTS/dex

Isomerization of Olefinic Hydrocarbons Over
Aluminosilicates, by A. A. Petrov

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 6, 1951, pp 743-752.

Assoc Tech Sv, RJ-127

SLA R 1901

Scientific - Chemistry Price \$12.80

AVC TS/DEX

17.223

Catalytic Hydrocondensation of Carbon Monoxide
With Olefins, Part VI. Hydrocondensation of
Carbon Monoxide With n-Butylene, by Ya. T. Kydus

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 6, 1951, pp 722-727.

Assoc Tech Sv, RJ-130

Scientific - Chemistry
Aug CTS/DEX Price \$9.00

17,225

Stakheeva-Kaverzhova, E. D. and Salova, A. S.
CHEMICAL CHANGES OF CELLULOSE MACROMOLECULE UNDER

THE ACTION OF OXIDIZING

AGENTS. IV. Lactone links in the macromolecule
of oxycellulose and their effect on determination
of carboxyl groups by condensation with hydroxylamine.

Invest. Akad. Nauk. SSSR., Otdel. Khim. Nauk 1951: 782-790.

RUSSIAN

★ PL 480
ARS

APR 61

Chemical Changes of Cellulose Macromolecule Under the
Action of Oxidizing Agents. Part 5. Proof of Existence
of ~~Oxy~~ alpha-hydroxymonoketone groups in Oxycellulose,
by E. D. Stakheyeva-Kaverzneva.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk 1951,
pp 791-794.

*PL 480
ARS

aper 61

Effect of Very High Pressures on the Catalytic Activity of Aluminum Oxide, by L. F. Vereshchagin, L. K. Freidlin, A. M. Rubinshtein and I. U. Numanov, 10 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 6, 1951, pp 809-818.

Assoc Tech Serv
RJ-129

SLA 1902

Sci

Aug 58

~~SECRET~~
17,224

The Distribution of π -electron Density and Interatomic Distances, by G. V. Bykov.

Full translation.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 6,
USSR, 1951, pp 823-828.

Handwritten signature
AEC Tr 1341

Scientific - Physics

Aug 52 CTS

DEX